

Determination of the bashkirian-Moscovian boundary in the volga region via conodont species *declinognathodus donetzianus nemirovskaya*

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Abstract

The selection of the global biomarker of the lower boundary of the Moscovian stages is one of the pressing issues of Carboniferous stratigraphy. Several solutions are suggested for this problem: *Diplognathodus ellesmerensis* Bender, *Streptognathodus expansus* (Igo & Koike) and *Idiognathoides postsulcatus* Nemirovskaya. The conodont species *Declinognathodus donetzianus* Nemirovskaya is one of the most prospective. It was detected in the rock sections of west Europe, the Donets Basin, the Moscow Syncline, south Ural and the Appalachian Basin. The Volga region is also one of the places where *Declinognathodus donetzianus* Nemirovskaya is often met and this article is dedicated to detailed analysis of this species. © Cambridge University Press 2014.

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Keywords

Bashkirian, Conodonts, *Declinognathodus donetzianus*, Moscovian, Volga region